

Area	SqFt	Acres
NAPH-1	13671.79	0.31
NAPH-2	2527.79	0.06
NAPH-3	8077.46	0.19
NAPH-4	16078.80	0.37
NAPH-5	11021.63	0.25
NAPH-6	2077.04	0.05
NAPH-7	37278.79	0.86
NAPH-8	3687.50	0.08



- Structure

Existing

Demolished/Partially Demolished

UST

Former Soil Mound
- Study

Parcel (Newark, Oct 2017)

Footprint of Remedial Action
- △ Historical Sample

○ RI Soil Boring

■ Detection Below PRG

■ Non-Detect

■ Detection Exceeds PRG

○ PRG Exceedance (nondetect reported at quantitation limit)

Sources:
2020 "ArcGIS Map Service, Bing Aerial Photography"
2020 "PPG/Woodard & Curran Riverside Industrial Park RI Report"
2017 "City of Newark Parcel GIS", <http://data.ci.newark.nj.us>

Notes:
1. Field Duplicate and Parent Sample Concentrations were averaged.
2. Following the soil mound removal on lot 68, surface samples at locations B-59 and B-60 were not included in this evaluation.

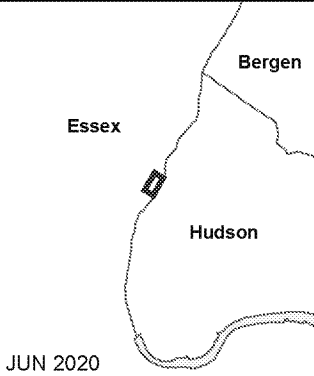
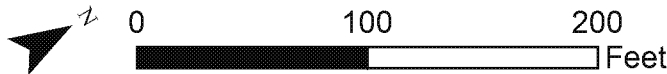


Figure A-13
Site-Wide Soil Sampling Results for
Soil Gas Alternatives: Naphthalene
Riverside Industrial Park Superfund Site
Essex County, New Jersey



Louis Berger





Area	SqFt	Acres
TCE-1	28907.11	0.66
TCE-2	4532.19	0.10
TCE-3	51815.44	1.19
TCE-4	5036.70	0.12
TCE-5	1742.84	0.04
TCE-6	23382.09	0.54

- Structure

Existing

Demolished/Partially Demolished

UST

Former Soil Mound
- Study Area

Parcel (Newark, Oct 2017)

Footprint of Remedial Action
- RI Soil Boring

Historical Sample

Non-Detect

Detection Below PRG

Detection Exceeds PRG

* PRG Exceedance (nondetect reported at quantitation limit)

Sources:
2020 "ArcGIS Map Service, Bing Aerial Photography"
2020 "PPG/Woodard & Curran Riverside Industrial Park RI Report"
2017 "City of Newark Parcel GIS", <http://data.ci.newark.nj.us>

Notes:
1. Field Duplicate and Parent Sample Concentrations were averaged.
2. Following the soil mound removal on lot 68, surface samples at locations B-59 and B-60 were not included in this evaluation.

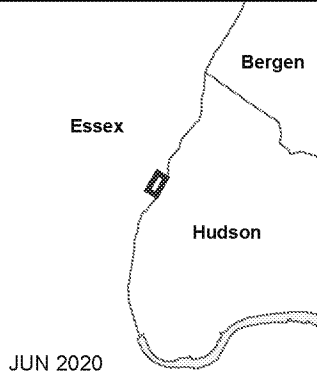


Figure A-14

Site-Wide Soil Sampling Results for

Soil Gas Alternative: TCE-PRG

Riverside Industrial Park Superfund Site

Essex County, New Jersey

Louis Berger

0

100

200

Feet



Area	SqFt	Acres
Xy-1	6832.53	0.16
Xy-2	3749.60	0.09
Xy-3	6933.22	0.16
Xy-4	9386.19	0.22
Xy-5	1685.91	0.04
Xy-6	12740.48	0.29
Xy-7	3087.33	0.07

- Structure

Existing

Demolished/Partially Demolished

UST

Former Soil Mound
- Study Area

Parcel (Newark, Oct 2017)

Footprint of Remedial Action
- RI Soil Boring

Historical Sample

Non-Detect

Detection Below PRG

Detection Exceeds PRG

Sources:
2020 "ArcGIS Map Service, Bing Aerial Photography"
2020 "PPG/Woodard & Curran Riverside Industrial Park RI Report"
2017 "City of Newark Parcel GIS", <http://data.ci.newark.nj.us>

Notes:
1. Field Duplicate and Parent Sample Concentrations were averaged.
2. Following the soil mound removal on lot 68, surface samples at locations B-59 and B-60 were not included in this evaluation.
3. Total Xylenes calculation is consistent with the BHHRA.

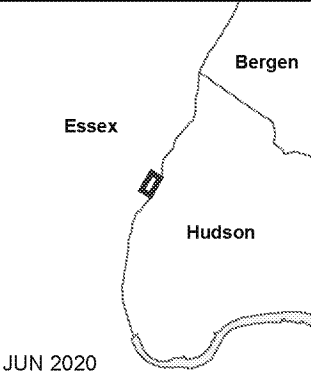


Figure A-15

Site-Wide Soil Gas Sampling Results for

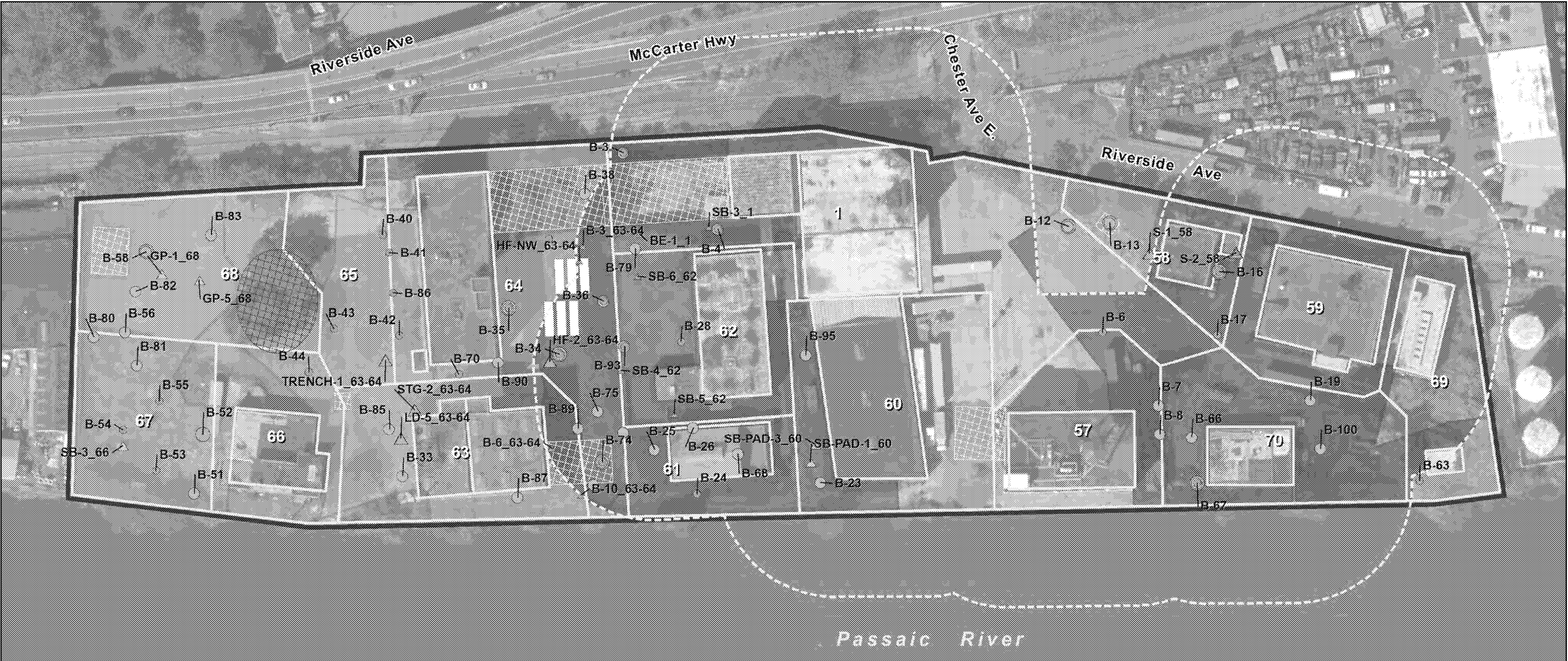
Soil Gas Alternatives: Xylenes (Total)

Riverside Industrial Park Superfund Site

Essex County, New Jersey

Louis Berger

0 100 200 Feet



- Structure
- Existing
 - Demolished/Partially Demolished
 - UST
 - Former Soil Mound

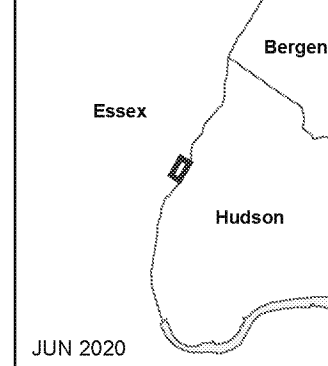
- Study Area
- Parcel (Newark, Oct 2017)
 - 100 Foot Buffer of Existing Occupied Building
 - Footprint of Remedial Action
 - Within 100 feet of Existing Occupied Building
 - Outside of 100-foot Occupied Building Area

* PRG Exceedances include nondetect results at Quantitation Limit.

- Boring Location with PRG Soil Exceedance *
- Naphthalene
 - TCE
 - Xylene
 - PRG Exceedance
 - Historical Sample Location
 - RI Sample Location



Sources:
2020 "ArcGIS Map Service, Bing Aerial Photography"
2020 "PPG/Woodard & Curran Riverside Industrial Park RI Report"
2017 "City of Newark Parcel GIS", <http://data.ci.newark.nj.us>


Notes:
1. Field Duplicate and Parent Sample Concentrations were averaged.
2. Following the soil mound removal on lot 68, surface samples at locations B-59 and B-60 were not included in this evaluation.
3. Total Xylenes calculation is consistent with BHHRA.



Remedial Action Area		
	SqFt	Acres
Total Area Extent	164,179.88	3.77
Portion of Total Area within 100 feet of an Existing Occupied Building	84,868.45	1.95

Figure A-16
Site-Wide Sampling Results for
Soil Gas Alternatives: Combined Parameters
Riverside Industrial Park Superfund Site
Essex County, New Jersey

  **Louis Berger**

 0 100 200 Feet